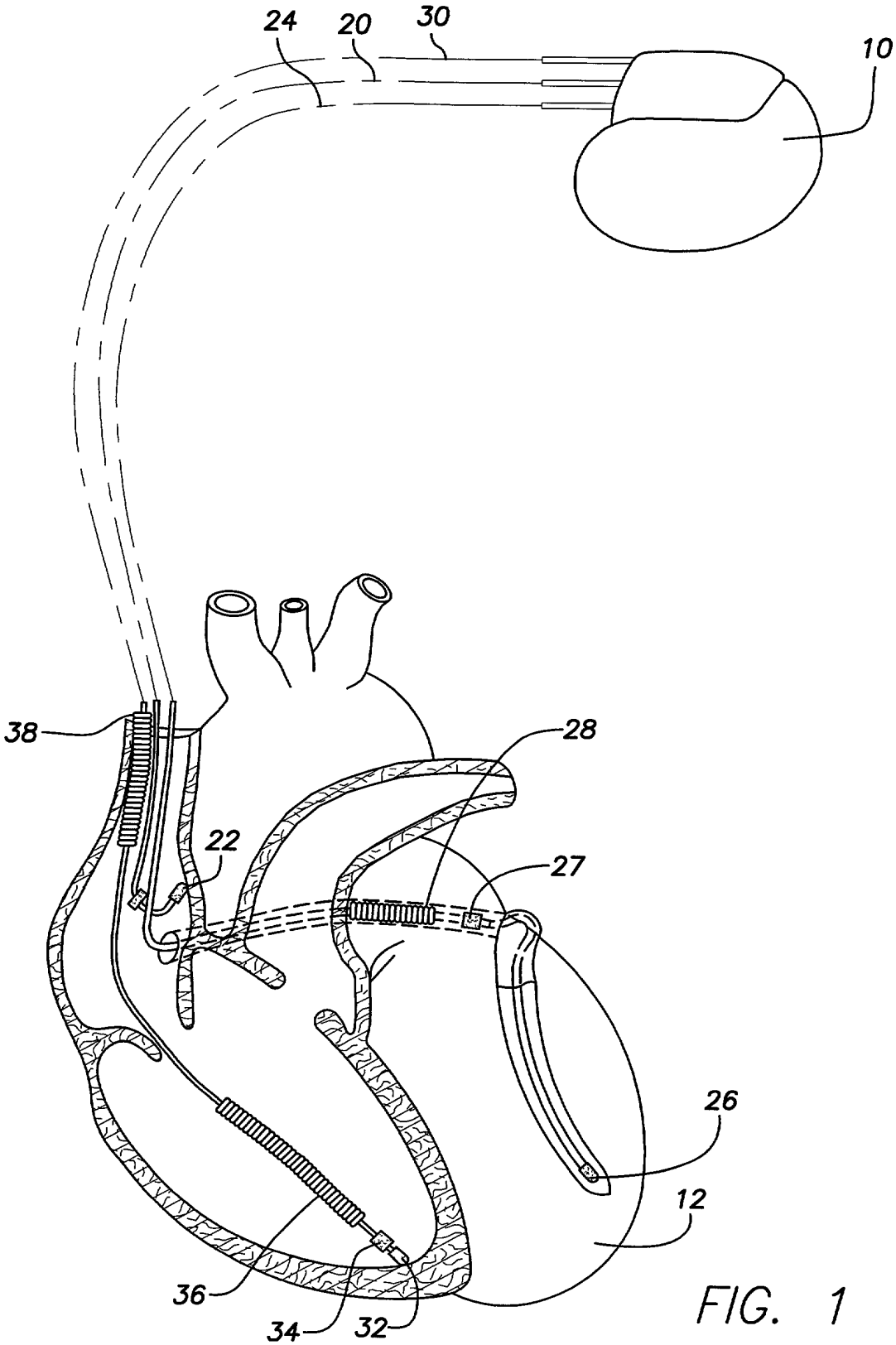


FIG. 1

TOSCA Inc.

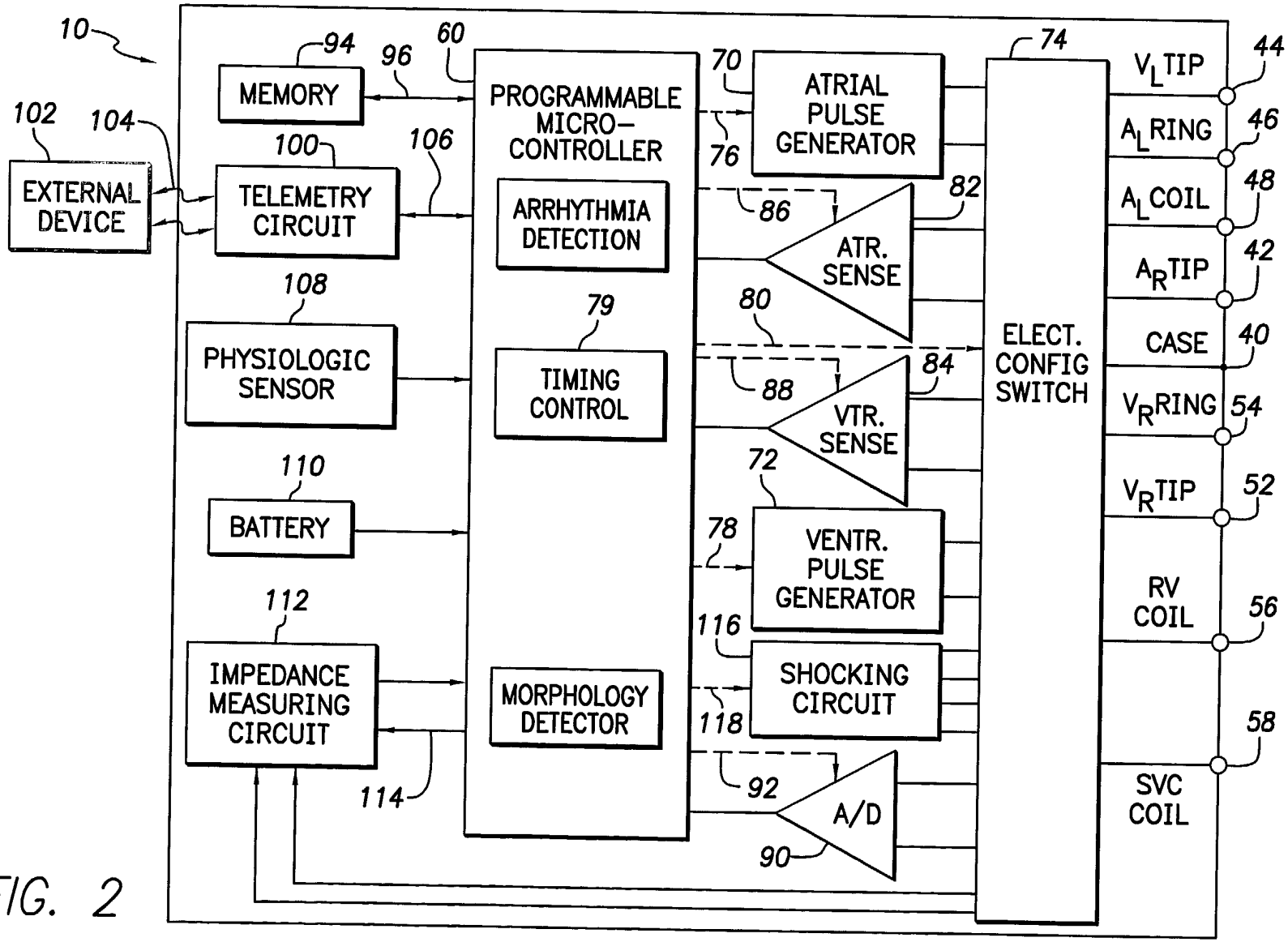
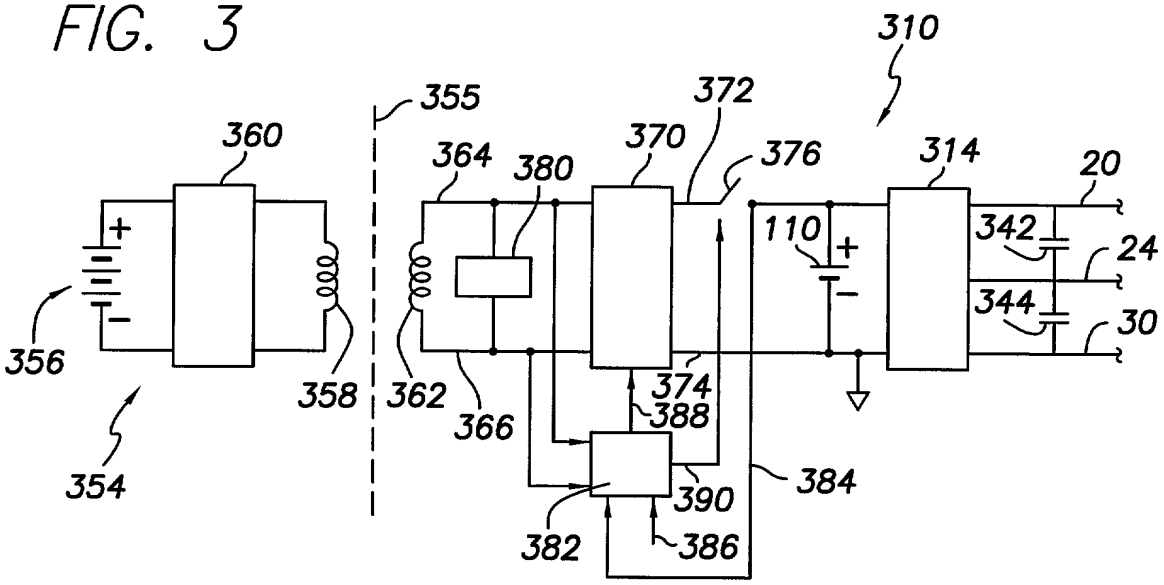


FIG. 2

FIG. 3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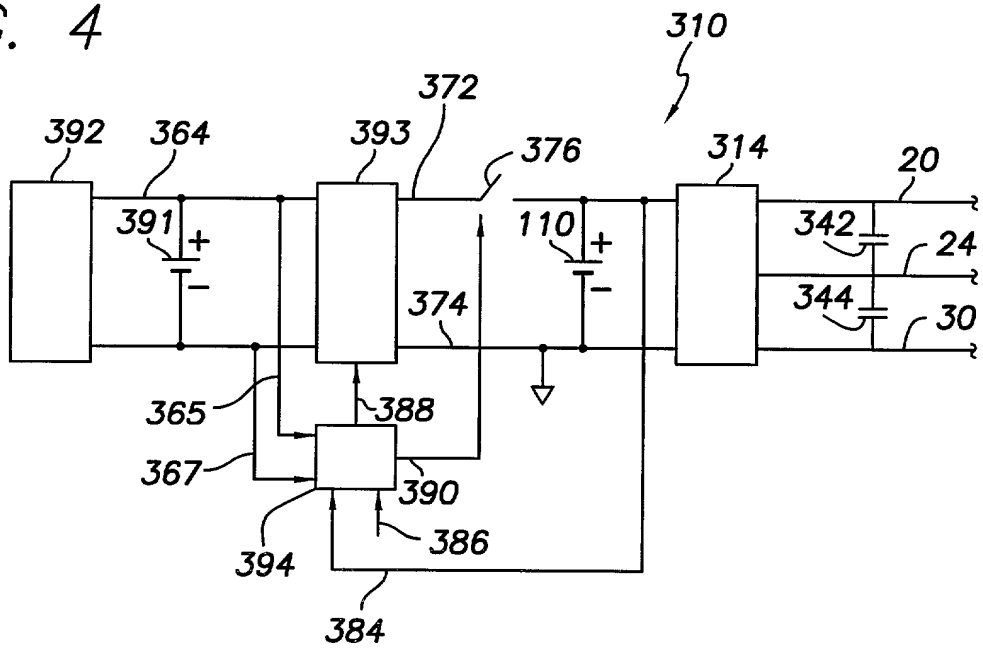
372
360
364
380
370
376
314
20
110
342
24
344
30
356
358
362
366
374
388
384
390
382
386
354

FIG. 4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372
392
364
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376
314
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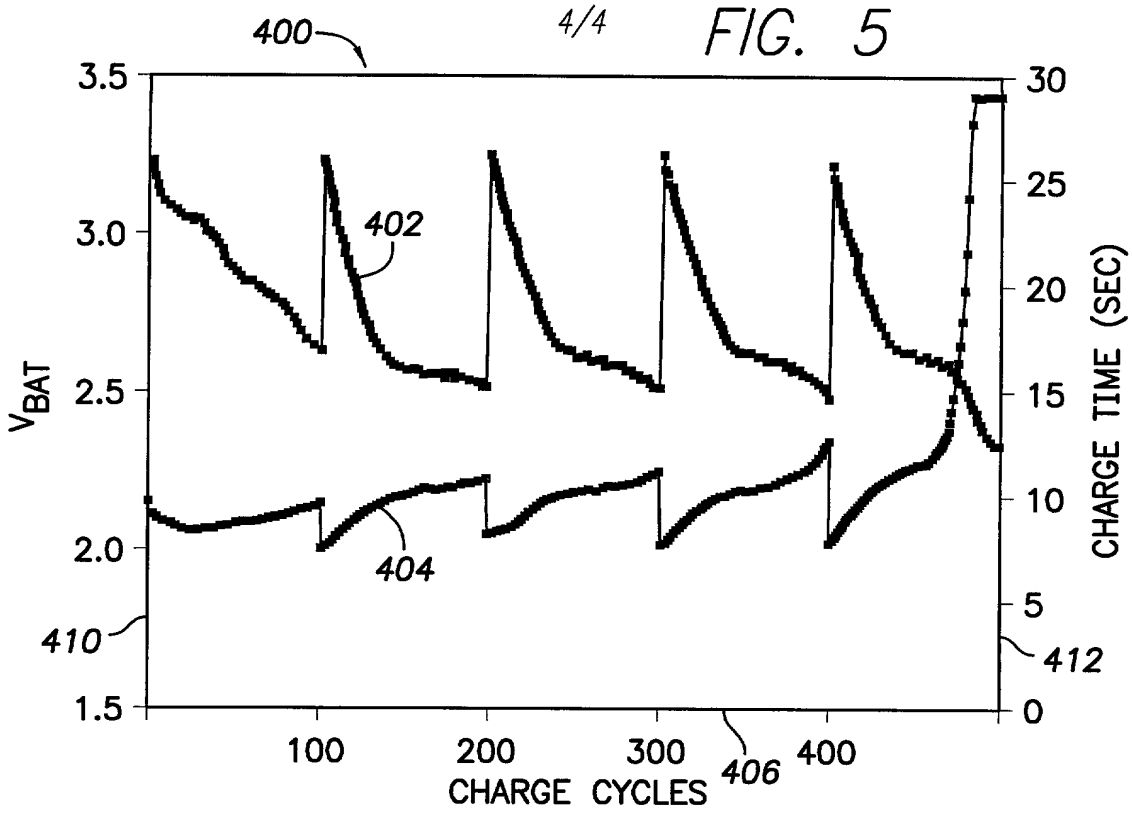
391
110
342
24
374
344
30
365
388
367
390
386
394
384

FIG. 5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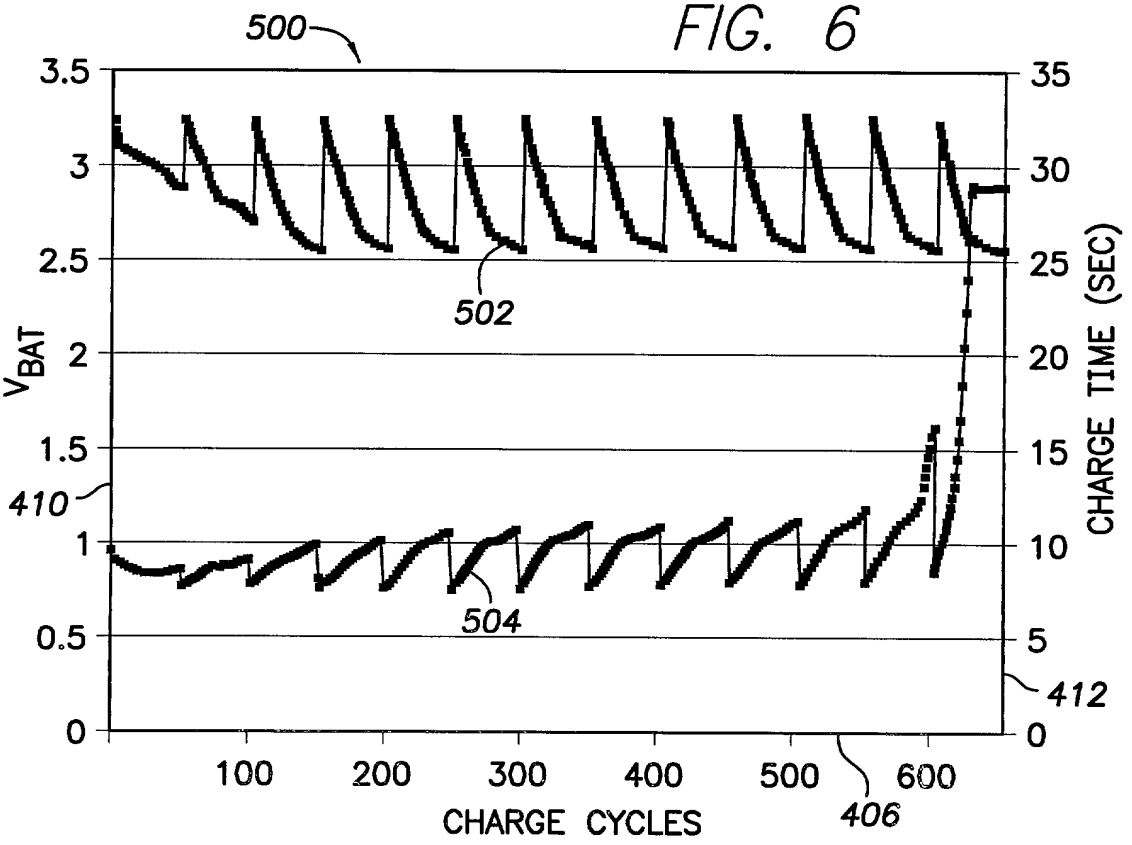
3.5
3.0
2.5
2.0
1.5
V_{BAT}
402
404
410
30
25
20
15
10
5
0
CHARGE TIME (SEC)
412
100
200
300
400
406
CHARGE CYCLES

FIG. 6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2
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1
0.5
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V_{BAT}
502
504
410
35
30
25
20
15
10
5
0
CHARGE TIME (SEC)
412
100
200
300
400
500
600
406
CHARGE CYCLES